

The cited reference fails to teach this limitation for the following reasons. In particular, the reference does not teach what the Examiner alleges at the portions of the reference relied on by the Examiner.

The Examiner asserts that Col. 1, lines 10-15 and Col. 8, lines 55-57 "specifically states" that editing functions are performed in the video camera. The plain language of the reference indicates otherwise.

Col. 8, lines 55-57 states "Fig. 3 shows the functional diagram for the storage-device-based digital recorder employed in the video camera, or separately in editing and production facilities." The only function this sentence says is in the video camera is the storage-device-based digital recorder. It says that the recorder also might be used separately in an editing and production facility. It does not say that the editing and production facility may be in the camera.

Col. 1, lines 10-15 states "This invention relates generally to video production, photographic image processing, and computer graphics design, and, more particularly, to a multi-format video production system capable of professional quality editing and manipulation of images . . . ." This portion of Washino says nothing about where the editing functions reside.

Col. 9, lines 39-40 states "Fig. 4 shows the components that comprise a multi-format audio/video production system." It does not show the components of a camera.

The Examiner also referred to the "operator interface" in claim 1 of Washino as teaching an editing function. Claim 1, however, is directed to an "audio/video production system."

The Examiner appears to be arguing that Fig. 4 is similar to Fig. 3 and therefore also illustrates features that must reside in the video camera. The reference does not support such a conclusion. Fig. 4 adds several additional elements to Fig. 3, such as an internal hard disk 100, image scanner 134, tape backup 102, audio processor 136, and three additional interfaces 120, 124 and 128. Col. 8, line 57 states that the elements of Fig. 3 may be in a video camera or a production facility, whereas Col. 9, line 39 says Fig. 4 is for a production system. From this information, it is not reasonable to infer that that the system of Fig. 4 is in a video camera.

Because there is nothing in Washino I that suggests that, in the camera, one may edit a sequence of segments of the recorded video information, the rejection under 35 U.S.C. §102 is traversed.

Regarding claim 8, the Examiner stated that Washino II (U.S. Patent 5,488,433) teaches that an editing operation may be automated using instructions generated off-line (referring to col. 7, lines 25-31). There also is nothing in Washino II to suggest that such instructions should be generated in the camera.

Rejection under 35 U.S.C. §103 of claims 3 and 17

Claims 3 and 17 were rejected under 35 U.S.C. §103 as being unpatentable over Washino I and Japanese Patent publication 5-153448 (Morita). Claim 3 has been cancelled.

Regarding claim 17, the claim recites "first" and "second encoder[s]" and "first" and "second switch[es]". Each switch has "input[s] for receiving . . . digital video information" from both the "camera" and the "random access, computer-readable and writeable medium." Thus each switch receives both "live" and "recorded" digital video information.

The Examiner relies on the same structure in Washino I to teach both switches. There is nothing in Washino I to suggest that the structure described at Col. 12-23 operates as two switches as claimed. Furthermore, the Examiner relies on Fig. 4, which is not in the camera as noted above. Morita is relied on only for the teaching of a display on the housing. It does not suggest that a camera should have two encoders and two switches as claimed in claim 17.

Accordingly, the rejection of claim 17 is traversed.

Notably, claim 9 describes a similar structure and is allowable for similar reasons.

Rejection under 35 U.S.C. §103 of claim 8

Claim 8 was rejected under 35 U.S.C. §103 as being unpatentable over Washino I and U.S. Patent 5,488,433 (Washino II). Claim 8 has been cancelled.

Conclusion

In view of the foregoing amendments and remarks, it is believed that this application is now in condition for allowance. A notice to this effect is respectfully requested. Should further questions arise concerning this application, the Examiner is invited to call the Applicants' attorney at the number listed below.

Respectfully submitted,

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## CLAIMS AS AMENDED:

Claims 7, 9-11 and 13-16 are unchanged and are not presented here.

## 1. (Twice Amended) A digital motion picture recorder, comprising:

a housing sized to be portable for use by an individual;

a decoder, mounted in the housing, for receiving a [broadcast television quality] full motion [picture] video signal and for converting the [broadcast television quality] full motion video signal into a plurality of digital still images;

a digital, computer-readable and writeable random-access medium mounted in the housing and connected both to receive and store and to [retrieve and playback] provide the plurality of digital still images in a computer-readable file format;

an encoder mounted in the housing and having an input for receiving a sequence of digital still images, for generating as an output a full motion video signal;

a switch mounted in the housing and having a first input receiving the plurality digital still images from the decoder and a second input receiving the plurality of digital still images from the digital, computer-readable and writeable random-access medium, and an output connected to the input of the encoder; [and]

an interface on the housing responsive to a user input to cause the switch to provide one of the first and second inputs as the sequence of digital still images to the input of the encoder; and

means for enabling a user to specify a sequence of segments of the plurality of digital still images stored on the digital, computer-readable and writeable random-access medium, and to initiate playback of the sequence through the encoder.

Claims 2 and 3 are cancelled.

## 4. (Twice Amended) A digital video recording device, comprising:

a portable housing;

a camera mounted on the portable housing having an output providing a video signal;  
a decoder mounted in the portable housing having an input connected to the output of the camera and an output providing digital video information as digital still images;  
a random-access, computer-readable and writeable medium mounted in the portable housing and for storing digital video information as digital still images;  
an encoder mounted in the portable housing and providing an output video signal and having an input for receiving a sequence of digital still images;  
a switch mounted in the portable housing having a first input receiving digital still images from the decoder and a second input receiving digital still images from the random-access, computer-readable and writeable medium, and an output connected to provide the sequence of digital still images to the input of the encoder; [and]  
an interface on the portable housing responsive to a user input to cause the switch to provide one of the first and second inputs to the input of the encoder; and  
means for enabling a user to specify a sequence of segments of the plurality of digital still images stored on the digital, computer-readable and writeable random-access medium, and to initiate playback of the sequence through the encoder.

5. (Twice Amended) A digital video recording device, comprising:

a portable housing;  
a camera mounted on the portable housing having an output providing a full motion video signal;  
a random-access, computer-readable and writeable medium mounted in the portable housing and for storing digital video information corresponding to the full motion video signal;  
an encoder mounted in the portable housing and having a first input for receiving digital video information from the random-access, computer-readable and writeable medium, a second input for receiving the full motion video signal from the camera and an output providing a video signal according to the first or second input; [and]

means in the housing for causing the encoder to select between the first and second inputs; and

means for enabling a user to specify a sequence of segments of the plurality of digital still images stored on the digital, computer-readable and writeable random-access medium, and to initiate playback of the sequence through the encoder.

6. (Twice Amended) A digital video recording device, comprising, in a portable housing:

means for receiving a full motion video signal;

means for storing digital video information obtained from the full motion video signal;

an encoder having a first input for receiving the stored digital video information and a second input for receiving the video signal, and an output providing a video signal according to either the first or second input; [and]

means for causing the encoder to select between the first and second inputs; and

means for enabling a user to specify a sequence of segments of the plurality of digital still images stored on the digital, computer-readable and writeable random-access medium, and to initiate playback of the sequence through the encoder.

Claim 8 was cancelled.

12. (Twice Amended) The digital motion picture recorder according to claim 1, further comprising a camera mounted on the portable housing having an output providing the [broadcast television quality] full motion video signal.

17. (Amended) A digital video recording device, comprising:

a portable housing;

a camera attached to the portable housing and having an output providing digital video information;

a random access, computer-readable and writeable medium mounted within the portable housing and connected to receive and store the digital video information from the camera;

a first encoder mounted within the portable housing and providing output video information and having an input for receiving digital video information;

a second encoder mounted within the portable housing and providing an output video signal to a display mounted on the portable housing;

a first switch mounted within the portable housing and having a first input for receiving live digital video information from the [decoder] camera and a second input for receiving recorded digital video information from the random access computer-readable and writeable medium, and an output connected to provide the digital video information to the input of the first encoder;

a second switch mounted within the portable housing and having a first input for receiving live digital video information from the [decoder] camera and a second input for receiving recorded digital video information from the random access computer-readable and writeable medium, and an output connected to provide the digital video information to the input of the second encoder; and

an interface on the portable housing responsive to user input to enable the user to control the first switch and the second switch.

18. (New) The digital video recording device of claim 17, further comprising:  
means for enabling a user to specify a sequence of segments of the plurality of digital still images stored on the digital, computer-readable and writeable random-access medium, and to initiate playback of the sequence through the encoder.